

Project Title	Funding	Strategic Plan Objective	Institution
Dynamic E-Learning to Improve Postsecondary Transition Outcomes for Secondary Students with High Functioning Autism	\$150,000	Q4.L.D	3-C Institute for Social Development
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$0	Q4.L.D	3-C Institute for Social Development
FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD	\$158,000	Q1.L.B	Albert Einsteign College of Medicine Yeshiva University
Modeling 5-HT-absorbing neurons in neuropathology of autism	\$200,400	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Sensory processing and integration in autism	\$524,517	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Novel regulatory network involving non-coding role of an ASD candidate gene PTEN	\$240,480	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Monoclonal expression in neurons derived from induced pluripotent stem cells	\$404,100	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Dysregulation of mTOR signaling in fragile X syndrome	\$467,760	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Using robotics to promote social cognitive skills in the inclusive classroom	\$0	Q4.Other	Anthrotronix, Inc.
Enabling use of blood spot cards for accurate high throughput Fragile X screening	\$1,142,346	Q1.S.A	Asuragen, Inc.
Preparing teachers to teach children with autism & developmental disabilities	\$0	Q5.Other	Bank Street College of Education
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$0	Q2.Other	Baylor College of Medicine
Mutations associated with carnitine deficiency: risk factor for regression in ASD	\$78,650	Q2.S.F	Baylor College of Medicine
High throughput sequencing of autism spectrum disorder (ASD) endophenotypes	\$39,432	Q2.S.G	Baylor College of Medicine
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$587,398	Q3.S.J	Baylor College of Medicine
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	\$367,304	Q2.S.D	Beth Israel Deaconess Medical Center
Neurobiology of aggression co-morbidity in mouse model of idic15 autism	\$261,000	Q2.S.E	Beth Israel Deaconess Medical Center
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$0	Q5.L.C	Bloomsburg University of Pennsylvania
NM-PASS (New Mexico-Preparing Autism Spectrum Specialists)	\$178,916	Q5.L.C	Board of Regents of New Mexico State University
EEG complexity trajectory as an early biomarker for autism	\$208,800	Q1.L.A	Boston Children's Hospital
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	\$2,604,574	Q1.L.A	Boston Children's Hospital
Mechanisms Underlying the Cerebellar Contribution to Autism in Mouse Models of Tu	\$190,458	Q2.S.D	Boston Children's Hospital

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MRI biomarkers of patients with tuberous sclerosis complex and autism	\$720,276	Q2.S.D	Boston Children's Hospital
Autism genetics: Homozygosity mapping and functional validation	\$150,000	Q3.L.B	Boston Children's Hospital
Autism genetics: Homozygosity mapping and functional validation	\$735,107	Q3.S.A	Boston Children's Hospital
Reducing disparities in Rimely Autism Diagnosis through Family Navigation	\$99,999	Q1.S.C	Boston Medical Center
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,655,744	Q3.S.H	Boston Medical Center
Neurobehavioral research on infants at risk for SLI and autism	\$588,872	Q1.L.A	Boston University
Artifacts as windows to minds: Social reasoning in typical and ASD children	\$49,214	Q2.Other	Boston University
The effects of autism on the sign language development of deaf children	\$53,942	Q2.Other	Boston University
ACE Center: Inter-regional connectivity in the speech network of minimally verbal children	\$376,136	Q4.S.G	Boston University
ACE Center: Research, training and education	\$111,353	Q7.K	Boston University
ACE Center: Administration and data management	\$226,572	Q7.Other	Boston University
Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	\$27,814	Q2.Other	Brandeis University
Elucidating the function of class 4 semaphorins in GABAergic synapse formation	\$325,130	Q2.Other	Brandeis University
(SDAS) Trends in Racial and Ethnic Health Care Disparities for Children with Autism and Other Developmental Disabilities	\$99,998	Q5.S.A	Brandeis University
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$483,807	Q3.S.A	Broad Institute, Inc.
Genetic-imaging study of obsessive compulsive behavior in autism	\$360,826	Q2.Other	Brown University
Development of vision and attention in typical and ASD individuals	\$305,682	Q2.S.G	Brown University
The computational basis of theory of mind in the human brain	\$130,695	Q2.Other	California Institute of Technology
CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
Investigating the gut microbiome for novel therapies and diagnostics for autism	\$558,136	Q3.S.I	California Institute of Technology
Collaboration of Autism Specialists Training (COAST) Program	\$0	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.

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Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	\$0	Q5.Other	California State University Chico Research Foundation
Efficacy of a Comprehensive School-Based Intervention for Children with High-Functioning Autism Spectrum Disorders (HFASDs)	\$840,477	Q4.L.D	Canisius College
Intelligent data capture and assessment technology for developmental disabilities	\$322,828	Q1.S.B	Caring Technologies, Inc.
Intelligent data capture and assessment technology for developmental disabilities	\$721,082	Q1.S.B	Caring Technologies, Inc.
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Carnegie Mellon University
CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
Assessing interactive avatars for use with children with autism	\$72,883	Q4.Other	Carnegie Mellon University
National Database on Autism Research	\$44,000	Q7.H	Center for Information Technology
Parenting your young child with autism: A web-based tutorial	\$435,651	Q5.L.A	Center for Psychological Consultation
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$985,604	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Learn the signs. Act early. - Improving early identification of ASDs through improved parental and early educator awareness of developmental milestones	\$2,643,100	Q5.L.A	Centers for Disease Control and Prevention (CDC)
Metropolitan Atlanta Developmental Disabilities Surveillance Program/Autism and Developmental Disabilities Monitoring (ADDM) network - Georgia	\$985,604	Q7.I	Centers for Disease Control and Prevention (CDC)
State of the states in services and supports for persons with autism spectrum disorder.	\$13,495	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
An open resource for autism iPSCs and their derivatives	\$545,118	Q7.D	Children's Hospital of Orange County
Testing the hyperspecificity hypothesis: A neural theory of autism	\$189,836	Q2.Other	Children's Hospital of Philadelphia
Functional connectivity in autism spectrum disorders	\$251,250	Q2.Other	Children's Hospital of Philadelphia
Structural and functional neuroimaging of the auditory system in autism	\$157,938	Q2.Other	Children's Hospital of Philadelphia
Phenotypic characterization of MECP2 mice	\$64,742	Q2.S.D	Children's Hospital of Philadelphia
Creating the Developmental-Behavioral Pediatrics Research Network	\$275,000	Q7.N	Children's Hospital of Philadelphia

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Optimization of fidelity procedures for pivotal response training in autism	\$186,772	Q5.L.A	Children's Hospital Research Center
ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS	\$138,957	Q7.Other	CHILDREN'S HOSPITAL RESEARCH CENTER
AUTISM AND OBESITY: CO-OCCURRING CONDITIONS OR DRUG SIDE EFFECTS?	\$99,820	Q2.S.E	Children's Mercy Hospital
Selective disruption of hippocampal dentate granule cells in autism: Impact of PT	\$396,897	Q2.S.E	Cincinnati Children's Hospital Medical Center
Prenatal antidepressants and autism spectrum disorder	\$0	Q3.L.C	Cincinnati Children's Hospital Medical Center
The neural bases of top-down attentional control in autism spectrum disorders	\$27,578	Q2.Other	City College of New York
Pragmatics and semantics in autism spectrum disorder	\$27,487	Q2.Other	City University of New York Graduate School and University Center
Astrocyte function in genetic mouse models of autism spectrum disorders	\$394,063	Q2.S.D	Cleveland Clinic Lerner College of Medicine, Case Western Reserve University
Cell adhesion molecules in autism: A whole-brain study of genetic mouse models	\$448,320	Q2.Other	Cold Spring Harbor Laboratory
Comprehensive systems change through RTI and SW-PBS	\$1,184,692	Q5.L.C	Colorado Department of Education - Exceptional Student Leadership Unit
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$1,050,000	Q3.L.D	Colorado Department of Health and Environment
Autism and Developmental Disabilities Monitoring (ADDM) network - Colorado	\$390,000	Q7.I	Colorado Department of Health and Environment
Mitochondrial dysfunction due to aberrant mTOR-regulated mitophagy in autism	\$183,568	Q2.S.A	Columbia University
Phagocytosis is misregulated in a Drosophila model of Fragile X syndrome	\$47,232	Q2.S.D	Columbia University
Novel statistical methods for DNA sequencing data, and applications to autism	\$314,312	Q3.L.B	Columbia University
Assisted reproductive technologies and increased autism risk	\$192,000	Q3.L.C	Columbia University
Gene-environment interactions in an autism birth cohort	\$6,537,537	Q3.L.D	Columbia University
PROTEOMIC MAPPING OF THE IMMUNE RESPONSE TO GLUTEN IN CHILDREN WITH AUTISM	\$67,041	Q3.S.E	Columbia University New York Morningside
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$110,870	Q1.Other	Cornell University
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University

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Assessment of glutamate delta-1 receptor in mental disorders	\$218,250	Q2.Other	Creighton University
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	\$250,000	Q5.L.C	Cuny/Queens College
Transcriptional control of inhibitory synapse formation	\$353,295	Q2.Other	Dana-Farber Cancer Institute
New approaches to local translation: SpaceSTAMP of proteins synthesized in axons	\$401,927	Q2.S.D	Dana-Farber Cancer Institute
Supporting teens with autism on relationships	\$270,180	Q6.L.A	Danya International, Inc.
The impact of Pten signaling on neuronal form and function	\$375,706	Q2.Other	Dartmouth College
Presynaptic Fragile X Proteins	\$249,000	Q2.S.D	Drexel University
Early autism risk longitudinal investigation (EARLI) network	\$411,571	Q3.L.A	Drexel University
The striatal circuitry underlying autistic-like behaviors	\$31,975	Q2.Other	Duke University
Analysis of Shank3 complete and temporal and spatial specific knockout mice	\$408,192	Q2.Other	Duke University
Neuronal basis of vicarious reinforcement dysfunction in autism spectrum disorder	\$297,527	Q2.Other	Duke University
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$589,750	Q2.S.E	Duke University
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$173,826	Q2.S.E	Duke University
Animal model of genetics and social behavior in autism spectrum disorders	\$658,361	Q2.S.G	Duke University
East Carolina University Pathways	\$0	Q5.Other	East Carolina University
White matter glial pathology in autism	\$0	Q2.Other	East Tennessee State University
Consortium for promoting cross-linguistic understanding of communication disabilities in children	\$58,109	Q5.Other	East Tennessee State University
Verbal/non-verbal asynchrony in adolescents with high-functioning autism	\$402,978	Q2.Other	Emerson College
MRI: Acquisition of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills	\$41,575	Q2.Other	Emerson College
ACE Center: The ontogeny of social vocal engagement and its derailment in autism	\$159,324	Q1.L.A	Emory University
Perception of social and physical contingencies in infants with ASD	\$301,268	Q1.L.B	Emory University
ACE Center: Predicting risk and resilience in ASD through social visual engagement	\$226,068	Q2.L.B	Emory University

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Behavioral and neural processing of faces and expressions in nonhuman primates	\$334,541	Q2.Other	Emory University
ACE Center: Ontogeny and neural basis of social visual engagement in monkeys	\$304,370	Q2.Other	Emory University
Modulation of RhoA signaling by the mRNA binding protein hnRNPQ1	\$30,912	Q2.S.D	Emory University
ACE Center: Changing developmental trajectories through early treatment	\$642,931	Q4.L.D	Emory University
The effects of intranasal oxytocin on social cognition and neural activity	\$421,790	Q4.S.A	Emory University
A novel translational model of autism spectrum disorder	\$267,750	Q4.S.B	Emory University
Oxytocin receptors and social behavior	\$422,748	Q4.S.B	Emory University
Training in translational social neuroscience	\$98,163	Q4.S.B	Emory University
Characterization of the schizophrenia-associated 3q29 deletion in mouse	\$528,118	Q4.S.B	Emory University
ACE Center: Research Training and Education Core	\$48,686	Q7.K	Emory University
ACE Center: Clinical Assessment Core	\$292,879	Q7.Other	Emory University
ACE Center: Data Management and Analysis Core	\$40,386	Q7.Other	Emory University
Therapy management software for naturalistic model-based behavioral interventions	\$347,991	Q4.S.C	Experiad, LLC.
MATERNAL BRAIN-REACTIVE ANTIBODIES AND AUTISM SPECTRUM DISORDER	\$190,577	Q2.S.A	Feinstein Institute for Medical Research
Project PREPARE: Preparing Rigorous and Effective Professionals as Autism Researchers and Educators	\$249,999	Q5.Other	Florida Interanational University
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish	\$137,605	Q2.Other	Florida International University
Project PEACE (Preparing Educators About Autism Through Collaborative Efforts)	\$0	Q5.L.C	Florida International University
A randomized trial of the SCERTS curriculum for students with autism spectrum disorders in early elementary school classrooms	\$0	Q4.S.D	Florida State University
Project ASSET: Autism Spectrum Specialized Education and Training (ASSET)	\$0	Q5.L.C	Florida State University
Autism Spectrum Specialized Education and Training (ASSET)	\$249,567	Q5.Other	Florida State University
Doctoral Training in Research, Autism, and Interdisciplinary Leadership (TRAIL)	\$249,839	Q7.K	Florida State University
Leadership in Family-Centered Early Intervention (LIFE) personnel preparation program	\$0	Q7.K	Florida State University

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Preparation of leadership personnel to serve infants, toddlers, children, and youth with autism	\$0	Q7.K	Florida State University
Molecular mechanisms of electrical synapse formation in vivo	\$90,000	Q2.Other	Fred Hutchinson Cancer Research Center
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$371,791	Q2.Other	Georgetown University
Voyages: From Natural Environments to Inclusive Preschools- Transforming Educational Outcomes for Young Children with Disabilities	\$249,699	Q5.Other	George Washington University
Gesture as a forerunner of linguistic change- insights from autism	\$385,000	Q2.L.A	Georgia State University
Vasopressin receptor polymorphism and social cognition	\$310,085	Q2.Other	Georgia State University
Mechanisms of mitochondrial dysfunction in autism	\$0	Q2.S.A	Georgia State University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$19,200	Q1.L.B	Georgia Tech Research Corporation
RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$0	Q2.Other	Georgia Tech Research Corporation
2013 Cerebellum Gordon Research Conference	\$25,000	Q7.K	Gordon Research Conferences
Novel metabolic biomarker for autism spectrum disorder	\$121,557	Q1.S.E	Greenwood Genetic Center
Handheld Technology for Speech Development in Students with Autism spectrum Disorders	\$899,857	Q4.L.D	HandHold Adaptive, LLC
iPrompt to improve teaching students with ASD	\$0	Q4.L.D	HandHold Adaptive, LLC
The social brain in schizophrenia and autism spectrum disorders	\$498,431	Q2.Other	Hartford Hospital
A novel essential gene for human cognitive function	\$47,232	Q2.S.D	Harvard Medical School
Analysis of MEF2 in cortical connectivity and autism-associated behaviors	\$49,214	Q2.S.D	Harvard Medical School
Characterizing the genetic systems of autism through multi-disease analysis	\$503,306	Q2.S.G	Harvard Medical School
Cell specific genomic imprinting during cortical development and in mouse models	\$308,216	Q3.S.J	Harvard University
Risk factors, comorbid conditions, and epidemiology of autism in children	\$0	Q3.S.H	Henry M. Jackson Foundation
Hofstra Early Childhood Intervention Specialist Program	\$249,953	Q5.Other	Hofstra University
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	\$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
Treatment of Overweight Induced by Antipsychotic Medication in Young People with ASD	\$468,376	Q4.L.A	Holland Bloorview Rehabilitation Hospital
Improving Part C services and outcomes for underserved children with ASD	\$282,188	Q5.L.C	Hugo Moser Kennedy Krieger Research Institute

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Bayesian variable selection in generalized linear models with missing variables	\$229,953	Q2.Other	Hunter College (City University of New York)
Parent-implemented social-pragmatic communication intervention for young children with developmental disabilities	\$0	Q4.L.D	Illinois State University
A network approach to the prediction of autism spectrum disorders	\$176,592	Q1.L.A	Indiana University
Investigating brain connectivity in autism at the whole-brain level	\$232,307	Q2.Other	Indiana University
Joint attention mediated learning intervention for toddlers with autism spectrum disorders and their families	\$842,243	Q4.S.D	Indiana University; University of North Carolina at Chapel Hill; University of Kansas
Computer Assisted Autism Care (CAAC)	\$0	Q1.S.B	Indiana University - Purdue University at Indianapolis
1/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$1	Q4.L.C	Indiana University-Purdue University Indianapolis
4/5-Randomized trial of parent training for young children with autism	\$221,569	Q4.S.D	Indiana University-Purdue University Indianapolis
PLACENTAL IDENTIFICATION AND IMMUNE QUANTIFICATION OF ACUTE AND/OR CHRONIC INFLAMMATION IN CHILDREN DIAGNOSED WITH PLACENTAL AUTISM IN UNIVERSITY AND COMMUNITY HOSPITALS	\$148,000	Q3.L.C	Institute for Basic Research in Developmental Disabilities
Electronic location reporting for individuals with cognitive disabilities	\$704,478	Q4.S.H	Intellispeak, LLC
SBIR Phase I: A consumer robot designed to help children with autism spectrum disorders practice critical social skills	\$0	Q4.Other	Interbots LLC
IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS	\$158,963	Q1.L.B	Joan and Sanford I Weill Medical College of Cornell University
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Dynamic regulation of Shank3 and ASD	\$604,587	Q2.Other	Johns Hopkins University
Dysfunction of sensory inhibition in autism	\$258,134	Q2.Other	Johns Hopkins University
High throughput screen for small molecule probes for neural network development	\$388,800	Q2.Other	Johns Hopkins University
Olfactory abnormalities in the modeling of Rett syndrome	\$339,270	Q2.S.D	Johns Hopkins University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,000,000	Q3.L.D	Johns Hopkins University
Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,400,550	Q3.S.J	Johns Hopkins University
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	\$408,000	Q7.I	Johns Hopkins University

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Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,050,000	Q3.L.D	Kaiser Foundation Research Institute
Prenatal and neonatal biologic markers for autism	\$725,197	Q3.S.C	Kaiser Foundation Research Institute
KSU student chapter of the IEEE EMBS as a focal point for senior design projects to aid children with disabilities	\$0	Q5.Other	Kansas State University
Autism: Social and communication predictors in siblings	\$723,431	Q1.L.A	Kennedy Krieger Institute
EEG-based assessment of functional connectivity in autism	\$175,176	Q2.Other	Kennedy Krieger Institute
Development of a social and communication intervention for preschoolers with autism	\$499,938	Q4.L.D	Kennedy Krieger Institute
3/3-Multisite RCT of early intervention for spoken communication in autism	\$442,594	Q4.S.F	Kennedy Krieger Institute
Preparation for transition and secondary teachers of students with low-incidence disabilities	\$0	Q6.S.D	Kent State University
Software to enrich the noun lexicons and lexical learning of children with autism	\$757,099	Q4.L.D	Laureate Learning Systems, Inc.
Study of health outcomes in children with autism and their families	\$496,440	Q2.Other	Lewin Group, Inc.
Functional connectivity substrates of social and non-social deficits in ASD	\$719,629	Q2.Other	Massachusetts General Hospital
MicroRNAs in synaptic plasticity and behaviors relevant to autism	\$131,220	Q2.S.D	Massachusetts General Hospital
The genomic bridge project (GBP)	\$158,206	Q2.S.G	Massachusetts General Hospital
Complex genetic architecture of chromosomal aberrations in autism	\$92,917	Q3.L.B	Massachusetts General Hospital
In utero antidepressant exposures and risk for autism	\$343,560	Q3.S.H	Massachusetts General Hospital
Autism Intervention Research Network on Physical Health (AIR-P network)	\$1,139,942	Q4.S.A	Massachusetts General Hospital
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	\$0	Q4.S.C	Massachusetts General Hospital
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Massachusetts Institute of Technology
Using Drosophila to characterize the molecular pathogenesis of autism	\$234,000	Q2.Other	Massachusetts Institute of Technology
Behavioral, fMRI, and anatomical MRI investigations of attention in autism	\$49,214	Q2.Other	Massachusetts Institute of Technology
Shank3 in synaptic function and autism	\$385,200	Q2.Other	Massachusetts Institute of Technology
Impairments of theory of mind disrupt patterns of brain activity	\$308,160	Q2.Other	Massachusetts Institute of Technology

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CAREER: Typical and atypical development of brain regions for theory of mind	\$148,521	Q2.Other	Massachusetts Institute of Technology
Brain bases of language deficits in SLI and ASD	\$583,471	Q2.Other	Massachusetts Institute of Technology
Imaging signal transduction in single dendritic spines	\$449,208	Q2.Other	Max Planck Florida Corporation
Autism spectrum disorder: Birth cohort 1976-2000, epidemiology and adult status	\$542,540	Q6.Other	Mayo Clinic
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina	\$552,000	Q7.I	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina (expanded)	\$552,000	Q7.L	Medical University of South Carolina
Time Perception and Timed Performance in Autism	\$248,938	Q2.Other	Michigan State University
CAREER: The role of prosody in word segmentation and lexical access	\$0	Q2.Other	Michigan State University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$868,500	Q3.L.D	Michigan State University
Neural basis of behavioral flexibility	\$347,607	Q2.Other	Mount Sinai School of Medicine
Role of Sema7A in functional organization of neocortex	\$366,120	Q2.S.D	Mount Sinai School of Medicine
ACE Network: Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network	\$948,404	Q3.L.D	Mount Sinai School of Medicine
Population-based autism genetics & environment study	\$600,532	Q3.L.D	Mount Sinai School of Medicine
1/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$817,786	Q3.S.A	Mount Sinai School of Medicine
Piloting treatment with insulin-like growth Factor-1 in Phelan-McDermid syndrome	\$366,363	Q4.L.A	Mount Sinai School of Medicine
Identifying therapeutic targets for autism using Shank3-deficient mice	\$466,151	Q4.S.B	Mount Sinai School of Medicine
ATN Registry	\$728,000	Q7.O	N/A
Clinical and behavioral phenotyping of autism and related disorders	\$1,954,272	Q1.L.B	National Institutes of Health
Pediatric brain imaging	\$2,140,977	Q2.L.A	National Institutes of Health
Functional anatomy of face processing in the primate brain	\$1,555,641	Q2.Other	National Institutes of Health
Learning and plasticity in the human brain	\$392,666	Q2.Other	National Institutes of Health
The cognitive neuroscience of autism spectrum disorders	\$997,922	Q2.Other	National Institutes of Health
Dysregulation of protein synthesis in fragile X syndrome	\$1,089,880	Q2.S.D	National Institutes of Health
Neuroendocrine regulation of metabolism and neurocognition	\$355,088	Q2.S.E	National Institutes of Health

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Treatment of medical conditions among individuals with autism spectrum disorders	\$488,568	Q2.S.E	National Institutes of Health
Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$162,856	Q2.S.F	National Institutes of Health
Hypocholesterolemic autism spectrum disorder	\$45,647	Q3.L.B	National Institutes of Health
Genetic epidemiology of complex traits	\$589,154	Q3.L.B	National Institutes of Health
Developing new statistical methods to detect variants involved in complex disease	\$434,485	Q3.L.B	National Institutes of Health
Studies of genetic and metabolic disorders, autism and premature aging	\$1,446,354	Q4.S.B	National Institutes of Health
Roles of oxytocin and vasopressin in brain	\$1,496,471	Q4.S.B	National Institutes of Health
Office of the Scientific Director	\$8,561,517	Q7.Other	National Institutes of Health
A collaborative translational autism research program for the military.	\$966,000	Q2.S.G	Nationwide Children's Hospital
CIRCADIAN RHYTHMS IN CHILDREN WITH ASD AND THEIR INFANT SIBLINGS	\$99,000	Q2.S.E	Naval Medical Research Center
Divergent biases for conspecifics as early markers for autism spectrum disorders	\$213,420	Q1.L.A	New York University
Translation, synchrony, and cognition	\$375,588	Q2.S.D	New York University
Translational developmental neuroscience of autism	\$167,187	Q1.L.B	New York University School of Medicine
Do animations facilitate symbol understanding in children with autism?	\$0	Q4.S.G	Northeastern University
The flexibility of individuation and ensemble representation	\$47,114	Q2.Other	Northwestern University
A family-genetic study of autism and fragile X syndrome	\$593,966	Q2.S.D	Northwestern University
A family-genetic study of language in autism	\$308,419	Q2.S.G	Northwestern University
Mechanisms of stress-enhanced aversive conditioning	\$366,000	Q4.S.B	Northwestern University
DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS	\$180,832	Q2.Other	Northwestern University
To support the ongoing operations of NDAR by providing direction, management and	\$635,431	Q7.H	Omnitec Solutions, Inc.
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	\$0	Q1.L.B	Oregon Health & Science University
Reducing barriers to autism care in Latino children	\$179,521	Q1.S.C	Oregon Health & Science University
Characterizing mechanistic heterogeneity across ADHD and autism	\$556,250	Q2.Other	Oregon Health & Science University
Computational characterization of language use in autism spectrum disorder	\$692,911	Q2.Other	Oregon Health & Science University

Project Title	Funding	Strategic Plan Objective	Institution
Vicarious neural activity, genetic differences and social fear learning	\$53,942	Q4.S.B	Oregon Health & Science University
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$0	Q4.Other	Orelena Hawks Puckett Institute
FMR 1-SLS: Improving fragile X diagnosis using amplification-free single locus ta	\$149,176	Q1.S.B	Pacific Biosciences Of California, Inc.
Computational tools to analyze SNP data from patients with mental illness	\$598,866	Q7.Other	Partek, Inc.
Do access barriers to autism care persist despite autism insurance mandate?	\$273,622	Q5.S.A	Pennsylvania State University
The effects of State and Federal insurance policies on quality of care for autism	\$406,574	Q5.S.A	Pennsylvania State University
Penn State Children's Communicative Competence Project	\$249,963	Q5.Other	Pennsylvania State University-Univ Park
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$249,998	Q5.L.C	Pennsylvania State University-Univ Park -- Assoc Dean Research - Hhd Health & Human Development - Assoc Dean Research - Hhd Health & Human Development
Comprehensive autism program using Strategies for Teaching based on Autism Research	\$0	Q4.S.D	Portland State University
Futures Project: Preparing special educators to use evidence-based practices to support desirable futures for students with significant disabilities	\$0	Q5.Other	Portland State University
Developmental Disabilities Dentistry Online	\$410,983	Q5.L.E	Praxis, Inc.
Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	\$248,999	Q2.Other	Princeton University
A model integrated data management system for multi-disciplinary autism research	\$346,748	Q7.H	Prometheus Research, LLC
Self-Regulation and Sleep in Children At Risk for Autism Spectrum Disorders	\$249,000	Q2.S.E	Purdue University
Animal-assisted intervention for children with autism spectrum disorder	\$57,383	Q4.L.D	Purdue University
Training personnel in minority institutions to serve infants, toddlers, and children with disabilities	\$0	Q5.Other	Purdue University
Examining the efficacy of classroom pivotal response teaching in classroom environments	\$655,691	Q4.S.D	Rady Children's Hospital Health Center
Multiple systems in theory of mind development	\$0	Q2.Other	Rutgers, The State University of New Jersey - New Brunswick
Neuroactive steroid GABAA receptor positive modulators for fragile X syndrome	\$162,500	Q4.Other	Sage Therapeutics, Inc.
Dissecting neural mechanisms integrating multiple inputs in C. elegans	\$477,449	Q2.Other	Salk Institute for Biological Studies

Project Title	Funding	Strategic Plan Objective	Institution
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	Salk Institute for Biological Studies
Linking local activity and functional connectivity in autism	\$360,142	Q2.Other	San Diego State University
Multimodal imaging of social brain networks in ASD	\$148,945	Q2.Other	San Diego State University
Developing the autism model of implementation for ASD community providers	\$185,333	Q5.L.A	San Diego State University
Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	\$0	Q5.Other	San Diego State University
Project Surfboard: Sustaining Practices by Specialists on Autism Spectrum Disorder	\$250,000	Q5.Other	San Diego State University
Personnel development to improve services and results for children with disabilities	\$299,999	Q5.L.C	San Diego State University Foundation
Transdisciplinary approaches to autism spectrum disorders	\$299,930	Q5.Other	San Diego State University Research Foundation
Collaborative partnerships	\$0	Q5.L.C	San Francisco State University
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$249,585	Q5.L.C	San Francisco State University
Physiology of attention and regulation in children with ASD and LD	\$327,380	Q2.Other	Seattle Children's Hospital
2/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$171,791	Q4.L.C	Seattle Children's Hospital
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$451,202	Q2.Other	Sloan-Kettering Institute for Cancer Research
Virtual Environment for Social Information Processing (VESIP) Phase II	\$0	Q4.Other	Soar Technology, Inc..
Southern Connecticut State University Center for Excellence on Autism Spectrum Disorders	\$0	Q5.L.C	Southern Connecticut State University
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	\$357,724	Q4.L.D	SRI International
Predictors of success in postsecondary STEM education and employment for students with autism	\$231,970	Q6.S.A	SRI International
A monkey model of naturally occurring low sociability	\$222,461	Q1.Other	Stanford University
Solid-state patch clamp platform to diagnose autism and screen for effective drug	\$196,247	Q1.S.A	Stanford University
Brain Systems Supporting Learning and Memory in Children with Autism	\$173,607	Q2.Other	Stanford University
Function of neurexins	\$461,977	Q2.Other	Stanford University
Role of neurexin in synapse formation and maintenance	\$53,942	Q2.Other	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Investigating the role of neurexin-1 mutation in autism using human induced neuro	\$49,214	Q2.Other	Stanford University
Face perception: Mapping psychological spaces to neural responses	\$0	Q2.Other	Stanford University
Frontostriatal synaptic dysfunction in a model of autism	\$52,190	Q2.Other	Stanford University
Mathematical cognition in autism: A cognitive and systems neuroscience approach	\$610,784	Q2.Other	Stanford University
Structural and functional connectivity of large-scale brain networks in autism	\$168,978	Q2.Other	Stanford University
GABRB3 and placental vulnerability in ASD	\$523,820	Q2.S.A	Stanford University
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	\$337,091	Q2.S.D	Stanford University
Longitudinal MRI study of brain development in fragile X	\$748,506	Q2.S.D	Stanford University
A neuroimaging study of twin pairs with autism	\$599,326	Q2.S.G	Stanford University
The role of vasopressin in the social deficits of autism	\$235,500	Q4.L.A	Stanford University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluri	\$180,391	Q4.S.B	Stanford University
IMAGING DEPRESSION IN ADULTS WITH ASD	\$192,601	Q2.S.E	State University New York Stony Brook
NINDS comment: Disruption of Reelin biosynthesis by de novo missense mutations found in aut	\$32,615	Q2.Other	State University of New York Upstate Medical Center
The neurophysiology of sensory processing and multisensory integration in ASD	\$437,684	Q2.Other	Syracuse University
Tennessee State Personnel Development Grant	\$0	Q5.Other	Tennessee Department of Education
Preparation of leaders across the lifespan for autism	\$250,000	Q7.K	Texas A&M University
Texas Educators for Students with Autism (TESA)	\$0	Q5.Other	Texas State University-San Marcos
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
Leadership Education in Developmental-Behavioral Pediatrics	\$15,276	Q7.K	The Children's Hospital of Boston
2/5-Randomized trial of parent training for young children with autism	\$204,169	Q4.S.D	The Ohio State University
Leading Excellence for Academic Positions in Special Education (LEAPS)	\$249,990	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
Cell adhesion molecules in CNS development	\$515,850	Q2.Other	The Scripps Research Institute - California
Impact of SynGAP1 mutations on synapse maturation and cognitive development	\$661,570	Q2.Other	The Scripps Research Institute - Florida
(SDAS) Access to Therapy for Children with Autism: A Population-Based Analysis	\$100,000	Q5.S.A	Thomas Jefferson University

Project Title	Funding	Strategic Plan Objective	Institution
Project CAT (Comprehensive Autism Teaching)	\$0	Q5.L.C	Touro University
Impacts and State utilization of HCBS waiver services for families and children with autism	\$199,999	Q5.S.A	Towson University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Trustees of Boston University
Comparative effectiveness of developmental-behavioral screening instruments	\$680,452	Q1.S.B	Tufts Medical Center
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York
Autism and Developmental Disabilities Monitoring (ADDM) network - Alabama	\$408,001	Q7.I	University of Alabama, Birmingham
Leadership Education in Neurodevelopmental Disabilities	\$2,500	Q1.S.B	University of Alabama at Birmingham
MeCP2 modulation of BDNF signaling: Shared mechanisms of Rett and autism	\$303,067	Q2.S.D	University of Alabama at Birmingham
Reversing BDNF impairments in Rett mice with TRPC channel activators	\$256,375	Q4.S.B	University of Alabama at Birmingham
Met signaling in neural development and circuitry formation	\$230,032	Q2.Other	University of Arizona
Leadership Education in Neurodevelopmental Disabilities	\$22,740	Q5.L.A	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona	\$552,000	Q7.I	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona (expanded)	\$552,000	Q7.L	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Arkansas	\$408,000	Q7.I	University of Arkansas for Medical Sciences
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	\$316,453	Q2.Other	University of California, Berkeley
Neural mechanisms of tactile sensation in rodent somatosensory cortex	\$246,278	Q2.Other	University of California, Berkeley
Infants at risk of autism: A longitudinal study	\$551,100	Q1.L.A	University of California, Davis
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Electrophysiological correlates of cognitive control in autism	\$127,805	Q1.L.B	University of California, Davis
Analyses of brain structure and connectivity in young children with autism	\$222,933	Q1.L.B	University of California, Davis
Development of a prospective video-based measure to identify ASD risk in infancy	\$576,204	Q1.S.B	University of California, Davis
Neurobehavioral Analysis Core	\$130,658	Q1.S.B	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Amygdala connectivity in autism spectrum disorder	\$52,580	Q2.L.A	University of California, Davis
Project 4: Calcium signaling defects in autism (Pessah/Lein)	\$109,730	Q2.Other	University of California, Davis
The neural substrates of higher-level learning in autism	\$221,760	Q2.Other	University of California, Davis
Experience and cognitive development in infancy	\$0	Q2.Other	University of California, Davis
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
Typical and pathological cellular development of the human amygdala	\$369,600	Q2.Other	University of California, Davis
Cellular density and morphology in the autistic temporal human cerebral cortex	\$352,346	Q2.Other	University of California, Davis
Project 3: Immune environment interaction and neurodevelopment	\$109,725	Q2.S.A	University of California, Davis
Mechanism of UBE3A imprint in neurodevelopment	\$7,869	Q2.S.D	University of California, Davis
The role of MeCP2 in Rett syndrome	\$344,213	Q2.S.D	University of California, Davis
Genotype-phenotype relationships in fragile X families	\$565,457	Q2.S.D	University of California, Davis
Language development in fragile X syndrome	\$509,862	Q2.S.D	University of California, Davis
Project 1: Epidemiology and the environment in autism (Hertz-Picciotto)	\$158,613	Q3.L.D	University of California, Davis
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,759,913	Q3.S.C	University of California, Davis
The CHARGE study: childhood autism risks from genetics and the environment	\$1,151,250	Q3.S.C	University of California, Davis
Gestational metabolic conditions and autism	\$77,000	Q3.S.H	University of California, Davis
Project 2: Perinatal epigenetic signature of environmental exposure	\$105,416	Q3.S.J	University of California, Davis
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$338,560	Q3.S.J	University of California, Davis
Exploring interactions between folate and environmental risk factors for autism	\$153,615	Q3.S.J	University of California, Davis
Controlled trial of sertraline in young children with Fragile X Syndrome	\$285,943	Q4.L.A	University of California, Davis
Virtual reality applications for the study of attention and learning in children with autism and ADHD	\$384,185	Q4.L.D	University of California, Davis
Effects of chronic intranasal oxytocin	\$526,020	Q4.S.B	University of California, Davis
ACE Network: Intervention effects of intensity and delivery style for toddlers with ASD	\$3,118,971	Q4.S.D	University of California, Davis
Identifying markers for treatment response to cognitive training in autism spectrum disorders	\$560,000	Q4.S.F	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Biological Analysis Core	\$121,545	Q7.J	University of California, Davis
Interdisciplinary training for autism researchers	\$250,479	Q7.K	University of California, Davis
Administrative Core/Leadership	\$90,193	Q7.Other	University of California, Davis
Facility Core: Analytical and Environmental Chemistry	\$110,972	Q7.Other	University of California, Davis
Integrative functions of the planum temporale	\$432,343	Q2.Other	University of California, Irvine
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$0	Q2.Other	University of California, Irvine
BDNF and the restoration of synaptic plasticity in fragile X and autism	\$449,134	Q2.S.D	University of California, Irvine
Cortactin and spine dysfunction in fragile X	\$32,875	Q2.S.D	University of California, Irvine
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	\$173,955	Q1.L.A	University of California, Los Angeles
Predicting the decline of social attention in infants at risk for autism	\$179,388	Q1.L.A	University of California, Los Angeles
Neural predictors of language function after intervention in children with autism	\$181,103	Q1.L.B	University of California, Los Angeles
Validity of an anxious subtype in autism spectrum disorders	\$53,270	Q1.L.B	University of California, Los Angeles
Cytoplasmic functions of Rbfox1, a candidate autism gene	\$231,000	Q2.Other	University of California, Los Angeles
Optogenetic treatment of social behavior in autism	\$385,000	Q2.Other	University of California, Los Angeles
Investigation of sex differences associated with autism candidate gene, Cyfip1	\$32,413	Q2.S.B	University of California, Los Angeles
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$145,757	Q2.S.D	University of California, Los Angeles
ACE Center: Neuroimaging signatures of autism: Linking brain function to genes and behavior	\$178,857	Q2.S.G	University of California, Los Angeles
ACE Center: Genetic and genomic analyses to connect genes to brain to cognition in ASD	\$241,951	Q2.S.G	University of California, Los Angeles
Parental age and schizophrenia susceptibility	\$308,000	Q3.L.D	University of California, Los Angeles
Rapid phenotyping for rare variant discovery in autism	\$661,281	Q3.S.A	University of California, Los Angeles
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$162,535	Q3.S.D	University of California, Los Angeles
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$3,005,916	Q3.S.D	University of California, Los Angeles
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$748,775	Q3.S.J	University of California, Los Angeles
ACE Center: Augmenting language interventions for ASD: A translational approach	\$269,087	Q4.L.A	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Targeting joint engagement in infants at risk for ASD: Integrating treatment with biomarkers	\$269,695	Q4.L.B	University of California, Los Angeles
3/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$200,372	Q4.L.C	University of California, Los Angeles
Treatment of Autism Symptoms in Children (TASC): Initial RCT with active control	\$369,600	Q4.Other	University of California, Los Angeles
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	\$2,312,083	Q4.Other	University of California, Los Angeles
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,608,284	Q4.S.D	University of California, Los Angeles
1/3-Multisite RCT of early intervention for spoken communication in autism	\$515,167	Q4.S.F	University of California, Los Angeles
ACE Network: Adaptive interventions for minimally verbal children with ASD in the community	\$2,546,852	Q4.S.G	University of California, Los Angeles
ACE Center: Research Education and Training Core	\$220,437	Q7.K	University of California, Los Angeles
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	\$172,388	Q7.Other	University of California, Los Angeles
ACE Center: Neuroimaging/Neurophysiology Core	\$181,369	Q7.Other	University of California, Los Angeles
ACE Center: Administrative Core	\$199,003	Q7.Other	University of California, Los Angeles
ACE Center: Diagnostic and Recruitment Core	\$225,220	Q7.Other	University of California, Los Angeles
Successful transition in the early school years for children with autism	\$1	Q5.Other	University of California, Riverside
MRI studies of early brain development in autism	\$468,100	Q1.L.A	University of California, San Diego
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$292,221	Q1.L.A	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Early Identification of ASD: Translating eye Tracking into Practice	\$387,500	Q1.S.B	University of California, San Diego
Influence of attention and arousal on sensory abnormalities in ASD	\$186,000	Q2.Other	University of California, San Diego
Development of the functional neural systems for face expertise	\$461,095	Q2.Other	University of California, San Diego
Kinetics of drug macromolecule complex formation	\$687,969	Q2.Other	University of California, San Diego
Neural basis of cross-modal influences on perception	\$163,755	Q2.Other	University of California, San Diego
The role of germline mutation and parental age in autism spectrum disorders	\$743,939	Q3.S.C	University of California, San Diego
Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism	\$364,194	Q4.L.D	University of California, San Diego

Project Title	Funding	Strategic Plan Objective	Institution
Wireless EEG system for training attention and eye movement in ASD	\$214,722	Q4.Other	University of California, San Diego
Effectiveness and implementation of a mental health intervention for ASD	\$627,203	Q5.L.A	University of California, San Diego
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$417,271	Q2.Other	University of California, San Francisco
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$759,778	Q3.S.A	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	University of California, San Francisco
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$277,269	Q4.S.B	University of California, San Francisco
The UC Davis Center for Children's Environmental Health and Disease Prevention	\$1,660,178	Q3.L.D	University of California - Davis
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$273,772	Q1.L.B	University of California San Diego
Preparing special educators in autism spectrum disorders	\$300,000	Q5.Other	University of Central Florida
Preparing special educators in autism spectrum disorders	\$250,000	Q5.Other	University of Central Florida
Recruiting and preparing highly qualified special educators	\$0	Q7.K	University of Central Florida
Action anticipation in infants	\$105,936	Q2.Other	University of Chicago
Evaluating the time-dependent unfolding of social interactions in autism	\$196,987	Q2.Other	University of Cincinnati
Metabolic signature of antipsychotics used in the treatment of autism	\$0	Q4.L.C	University of Cincinnati
Leadership Education in Neurodevelopmental and Related Disabilities (LEND)	\$5,968	Q5.L.C	University of Cincinnati
LEAP-USA follow-up project	\$1	Q4.S.D	University of Colorado, Denver
Low Incidence and Diversity Endorsement Project (LIDE)	\$294,558	Q5.L.C	University of Colorado Board of Regents
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	\$0	Q1.L.A	University of Colorado Denver
Analysis of cultural appropriateness and necessary modifications of the Survey of Well Being for Young Children on Native American reservations	\$0	Q1.S.B	University of Colorado Denver
Neural synchronydysfunction of gamma oscillations in autism	\$254,470	Q2.Other	University of Colorado Denver

Project Title	Funding	Strategic Plan Objective	Institution
Molecular mechanisms linking early life seizures, autism and intellectual disability	\$313,576	Q2.S.E	University of Colorado Denver
Investigation of DUF1220 domains in human brain function and disease	\$361,544	Q3.L.B	University of Colorado Denver
Effects of therapeutic horseback riding on children and adolescents with autism spectrum disorders	\$285,797	Q4.S.C	University of Colorado Denver
Training outpatient clinicians to deliver cognitive behavior therapy to children	\$211,113	Q4.S.C	University of Colorado Denver
Comprehensive support for families with autism: A parent-based mentoring approach	\$300,000	Q5.S.C	University of Colorado Denver
Early detection of pervasive developmental disorders	\$924,542	Q1.S.A	University of Connecticut
Teaching skills to toddlers: A program for caregivers	\$216,694	Q5.L.A	University of Connecticut
Postdoctoral Research Training Fellowships in Early Intervention and Early Learning in Special Education at the University of Florida	\$313,320	Q7.K	University of Florida
Collaborative Adolescent Autism Teacher Training (CAATT)	\$0	Q5.Other	University of Georgia
Analysis, Interpretation, Instruction, Management, Functional assessment and intervention for individuals with autism in school contexts	\$249,985	Q5.Other	University of Georgia
Collaborative Personnel Preparation in Autism (COPPA)	\$243,650	Q5.Other	University of Georgia
iSKILLS : The audio/video guidance repository for life skills	\$0	Q4.L.D	University of Georgia; University of Tennessee
Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach	\$0	Q3.S.I	University of Guelph
Innovative ACCESS to Curriculum for Students with Severe Disabilities	\$250,000	Q5.Other	University of Illinois
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Illinois at Urbana Champaign
Synaptic phenotype, development, and plasticity in the fragile X mouse	\$379,329	Q2.S.D	University of Illinois at Urbana Champaign
Molecular dissection of calmodulin domain functions	\$310,222	Q2.Other	University of Iowa
Wnt modulation as a treatment for autism spectrum disorders	\$184,568	Q2.Other	University of Iowa
Behavioral treatment through in-home telehealth for young children with autism	\$287,302	Q5.L.A	University of Iowa
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$0	Q6.L.A	University of Iowa
Peer-mediated ACC intervention for children with autism: effects on communication	\$308,485	Q4.S.G	University of Kansas

Project Title	Funding	Strategic Plan Objective	Institution
Training personnel to serve school age children with low incidence disabilities: Autism spectrum disorders	\$0	Q5.Other	University of Kansas
Post-doctoral special education research training in urban communities: A research to practice model	\$0	Q7.K	University of Kansas
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	\$0	Q4.L.D	University of Kansas; University of Washington
I-CONNECT PLUS: Enhancing Community Participation for Adolescents and Adults with ASD Using Online Instruction, Coaching, and Accessible Self-Management Technologies.	\$458,224	Q4.L.D	University of Kansas Center for Research, INC.
Assessing Self-Determination in the Era of Evidence-Based Practices: The Development and Validation of Student and Adult Measures of Self Dertermination	\$396,360	Q6.Other	University Of Kansas Center For Research, Inc.
Phase 2: Animated Visual Support for Social Support (AViSSS); An interactive virtual experience for social skill development	\$0	Q4.Other	University Of Kansas Center For Research, Inc. -- Sped - Special Education Educ Education Administration - Sped - Special Education Educ Education Administration
The use of interactive television in identifying autism in young children	\$217,440	Q1.S.A	University of Kansas Medical Center
Examination of the use of a Spanish version of the Online and Applied System for Intervention Skills (OASIS) Training Program with parents of children with an autism spectrum disorder	\$200,000	Q5.L.A	University of Kansas Medical Center
SOTELCO in classroom settings	\$0	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Communication, Autism, and Technology	\$0	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Kansas University: Autism and Early Childhood Education Professionals (KU-ACE)	\$0	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	\$0	Q2.Other	University of Kentucky Research Foundation
Anatomical and functional modularity of the cerebral cortex	\$8,000	Q7.Other	University of Louisville
BRIGE: Emotion mapping of children through human-robot interaction and affective computing	\$0	Q2.Other	University of Louisville Research Foundation Inc
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	\$0	Q5.Other	University of Maryland
Master's of Education (Med) in Severe Disabilities: ASD, A Low Incidence Disability	\$249,498	Q5.Other	University of Maryland
Sensitive periods in cerebellar development	\$32,941	Q2.S.A	University of Maryland, Baltimore
Prostaglandins and cerebellum development	\$356,400	Q2.S.A	University of Maryland, Baltimore

Project Title	Funding	Strategic Plan Objective	Institution
Foxp2 regulation of sex specific transcriptional pathways and brain development	\$88,128	Q2.S.B	University of Maryland, Baltimore
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	\$302,269	Q3.S.J	University of Maryland, Baltimore
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	\$506,507	Q2.Other	University of Maryland, College Park
How autism affects speech understanding in multitalker environments	\$0	Q2.Other	University of Maryland, College Park
A neural model of fronto-parietal mirror neuron system dynamics	\$178,100	Q2.Other	University of Maryland, College Park
Addressing Health Disparities in ASD Diagnosis, Services, and School Engagement	\$282,459	Q1.S.C	University of Massachusetts
Healthy Weight Research Network (HW-RN) for Children with Autism Spectrum Disorders and Developmental Disabilities (ASD/DD)	\$200,000	Q7.N	University of Massachusetts, Worcester
Training school speech-language pathologists to assess and manage communication skills in children with autism	\$0	Q5.Other	University of Massachusetts Amherst
Training Speech-Language Pathologists in the Public Schools to deliver Reliable Evidence-based Models of Technology Effectively	\$246,816	Q5.Other	University of Massachusetts Amherst
The microRNA pathway in translational regulation of neuronal development	\$340,304	Q2.S.D	University of Massachusetts Medical School
Atypical effects of reinforcement procedures in ASD	\$250,000	Q4.Other	University of Massachusetts Medical School
Investigating the role of CNTNAP2 gene in vocal learning in mutant songbirds	\$197,609	Q4.S.B	University of Massachusetts Medical School
Optimizing initial communication for children with autism	\$333,168	Q4.S.G	University of Massachusetts Medical School
Contingency analyses of observing and attending in intellectual disabilities	\$261,988	Q4.S.G	University of Massachusetts Medical School
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey	\$552,000	Q7.I	University of Medicine & Dentistry of New Jersey
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey (expanded)	\$552,000	Q7.L	University of Medicine & Dentistry of New Jersey
Caspr2 as an autism candidate gene: A proteomic approach to function & structure	\$305,280	Q2.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Cerebellar modulation of frontal cortical function	\$286,989	Q2.Other	University of Memphis
Molecular mechanisms of the synaptic organizer alpha-neurexin	\$373,200	Q2.Other	University of Michigan
Novel candidate mechanisms of fragile X syndrome	\$249,000	Q2.S.D	University of Michigan
Leadership Education in Neurodevelopmental Disabilities	\$7,000	Q5.L.C	University of Minnesota

Project Title	Funding	Strategic Plan Objective	Institution
The Autism Impact Measure: A new tool for treatment outcome measurement	\$1,355,047	Q1.L.B	University of Missouri
Evaluation of pupillary light reflex as biomarker of neurodevelopmental disorder	\$226,289	Q1.S.A	University of Missouri
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	\$0	Q4.L.D	University of Missouri
Developing a school-based social competence intervention (SCI)	\$0	Q4.L.D	University of Missouri
Evaluating the efficacy of the school-based Social Competence Intervention for Adolescents (SCI-A) with high functioning autism	\$787,019	Q4.L.D	University of Missouri
IMPROVING HEALTHCARE TRANSITION PLANNING AND HEALTH-RELATED INDEPENDENCE FOR YOUTH WITH ASD AND THEIR FAMILIES	\$308,685	Q6.S.A	University of Missouri
Project ABeLL: Preparing early childhood special educators to support young children with autism or disabilities in behavior, language and/or literacy	\$250,000	Q5.Other	University Of Missouri/Curators
Mechanisms of synaptic alterations in a neuroinflammation model of autism	\$0	Q2.S.A	University of Nebraska Medical Center
Mechanisms of motor skill learning in the fragile X mouse model	\$292,423	Q2.S.D	University of Nebraska Medical Center
Using technology to expand and enhance applied behavioral analysis programs for children with autism in military families	\$0	Q5.L.A	University of Nebraska Medical Center
Project Connect: Connecting school districts with highly qualified teachers in low-incidence disabilities	\$0	Q5.Other	University of Nevada
Sustainable implementation of family-centered transition planning for young adults with autism spectrum disorders	\$200,000	Q5.L.A	University of New Hampshire
Preparation of personnel to serve school age children with low incidence disabilities: Focus on high quality instruction in core academic area in the least restrictive environment	\$0	Q5.L.C	University of New Hampshire
Interdisciplinary Leadership in Autism Spectrum Disorders: Optimizing Research-Practice Partnerships for Evidence-based Outcomes	\$249,888	Q5.Other	University of North Carolina, Chapel Hill
Restricted repetitive behavior in autism	\$391,678	Q1.L.B	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism	\$2,391,469	Q2.L.A	University of North Carolina at Chapel Hill
Neural circuits that regulate social motivation in autism	\$150,542	Q2.Other	University of North Carolina at Chapel Hill
Regulation of spine morphogenesis by NrCAM	\$213,120	Q2.Other	University of North Carolina at Chapel Hill
Effect of paternal age on mutational burden and behavior in mice	\$177,600	Q2.Other	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Statistical analysis of biomedical imaging data in curved space	\$313,376	Q2.Other	University of North Carolina at Chapel Hill
A longitudinal MRI study of brain development in fragile X syndrome	\$549,582	Q2.S.D	University of North Carolina at Chapel Hill
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$515,246	Q2.S.E	University of North Carolina at Chapel Hill
Genome-wide identification of variants affecting early human brain development	\$590,292	Q2.S.G	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,050,000	Q3.L.D	University of North Carolina at Chapel Hill
ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	\$2,435,695	Q4.L.A	University of North Carolina at Chapel Hill
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA)	\$2,033,801	Q4.L.D	University of North Carolina at Chapel Hill
Efficacy of the home TEACCHing program for toddlers with autism	\$299,975	Q4.L.D	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$886,550	Q4.S.D	University of North Carolina at Chapel Hill
Brain Imaging Markers of Response to Intervention in Toddlers with Autism	\$142,893	Q4.S.F	University of North Carolina at Chapel Hill
Toddlers and Families Together: Addressing Early Core Features of Autism	\$282,449	Q5.L.B	University of North Carolina at Chapel Hill
The Professional Development Center: Children with autism spectrum disorders	\$0	Q5.L.C	University of North Carolina at Chapel Hill
(SDAS) Adequate Health Insurance for Children with Autism: Evidence and Implications for Defining Essential Benefits	\$99,496	Q5.Other	University of North Carolina at Chapel Hill
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	\$0	Q5.Other	University of North Carolina at Chapel Hill
Autism in older adults: A pilot, descriptive study	\$71,040	Q6.S.A	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$408,000	Q7.I	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	\$0	Q7.K	University of North Carolina at Chapel Hill
Post-doctoral training in special education research	\$0	Q7.K	University of North Carolina at Chapel Hill
Personnel preparation program in low incidence severe disabilities	\$241,478	Q5.L.C	University Of North Carolina At Charlotte
Birth to Kindergarten Professional Preparation: Inclusive Services for Children with Autism Spectrum Disorders	\$299,910	Q7.K	University of North Carolina at Greensboro
Project DART: Distance Education for Autism Personnel in Rural Texas	\$0	Q5.L.A	University of North Texas
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$0	Q5.Other	University of North Texas
Project STARt: Systematic Training of Autism Teachers	\$249,121	Q5.Other	University of North Texas
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$0	Q7.K	University of North Texas
Preparation of occupational therapists and physical therapists for service provision in early intervention and related services	\$0	Q5.Other	University of Oklahoma
Project DATA: A multisite evaluation of a school-based model for preschoolers with autism	\$650,000	Q4.S.D	University of Oklahoma Health Sciences Center; University of Washington
Evaluation of a comprehensive community-based intervention for toddlers with ASD	\$728,423	Q4.S.D	University of Oklahoma Health Sciences Center; University of Washington
Preparing special educators to work with children and youth with autism	\$0	Q5.Other	University of Oregon
The impact of uncertainty in genome-wide testing for autism spectrum disorder	\$200,000	Q1.S.E	University of Pennsylvania
Quantifiable markers of ASD via multivariate MEG-DTI combination	\$257,169	Q2.L.B	University of Pennsylvania
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$291,317	Q2.Other	University of Pennsylvania
Novel computational methods for higher order diffusion MRI in autism	\$601,657	Q2.Other	University of Pennsylvania
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$307,200	Q2.S.A	University of Pennsylvania
Early life seizures disrupt critical period plasticity	\$429,559	Q2.S.E	University of Pennsylvania
3/3-Sequencing autism spectrum disorder extended pedigrees	\$153,600	Q3.L.B	University of Pennsylvania

Project Title	Funding	Strategic Plan Objective	Institution
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	Q4.S.B	University of Pennsylvania
Efficacy and sustainability of the STAR program	\$0	Q4.S.D	University of Pennsylvania
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	\$0	Q4.S.H	University of Pennsylvania
Partners in Schools: A program for parents and teachers of children with autism	\$47,114	Q5.L.A	University of Pennsylvania
Evaluating the effects of autism insurance mandates	\$690,492	Q5.Other	University of Pennsylvania
Clinical algorithm for identifying adult autism	\$240,000	Q6.S.C	University of Pennsylvania
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,050,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburg
Early social and emotional development in toddlers at genetic risk for autism	\$354,246	Q1.L.A	University of Pittsburgh
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
Cognitive control of emotion in autism	\$102,004	Q2.Other	University of Pittsburgh
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$276,478	Q3.S.A	University of Pittsburgh
Adapting cognitive enhancement therapy for ASD	\$211,536	Q4.Other	University of Pittsburgh
5/5-Randomized trial of parent training for young children with autism	\$226,771	Q4.S.D	University of Pittsburgh
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Engrailed targets and the control of synaptic circuits in Drosophila	\$361,875	Q2.Other	University of Puerto Rico Medical Sciences Campus
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$541,983	Q2.Other	University of Rochester
Auditory and integrative functions of the prefrontal cortex	\$374,016	Q2.Other	University of Rochester
3/5-Randomized trial of parent training for young children with autism	\$215,249	Q4.S.D	University of Rochester
3/5-Randomized trial of parent training for young children with autism	\$65,595	Q4.S.D	University of Rochester
2/3-Multisite RCT of early intervention for spoken communication in autism	\$350,924	Q4.S.F	University of Rochester
Leadership Education in Neurodevelopmental and Related Disabilities (LEND)	\$2,500	Q5.L.C	University of Rochester

Project Title	Funding	Strategic Plan Objective	Institution
Predicting autism through behavioral and biomarkers of attention in infants	\$34,688	Q1.L.A	University of South Carolina
Cortical activation to faces and objects in infants at high-risk for ASD	\$51,705	Q1.L.A	University of South Carolina
Emergence and stability of autism in fragile X syndrome	\$343,680	Q2.S.D	University of South Carolina
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Function and structure adaptations in forebrain development	\$520,098	Q2.Other	University of Southern California
Biology of non-coding RNAs associated with psychiatric disorders	\$430,144	Q2.Other	University of Southern California
HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$0	Q2.S.A	University of Southern California
Non-coding RNAs in autism	\$246,000	Q3.Other	University of Southern California
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$8,000	Q4.Other	University of Southern California
Partnership for Research and Dissemination of Evidence-Based Medicine in Autism	\$299,965	Q5.L.A	University of Southern California
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	\$469,826	Q5.L.A	University of Southern California
Project S.A.G.E. Successfully Accessing General Education	\$0	Q5.Other	University of South Florida
Tooth pulp as a source for neuronal precursor cells to study neurogenetic disorders	\$217,125	Q4.S.B	University of Tennessee Health Science Center
Leadership Education in Neurodevelopmental Disabilities	\$6,000	Q5.L.C	University of Tennessee Health Science Center
Animal model of speech sound processing in autism	\$239,188	Q4.S.B	University of Texas at Dallas
Project CHANGE (Children with Autism Need a Great Education)	\$0	Q5.Other	University of Texas at El Paso
Epidemiological research on autism in Jamaica - Phase II	\$607,366	Q3.S.H	University of Texas Health Science Center at Houston
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	Q4.S.B	University of Texas Health Science Center at San Antonio
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$297,849	Q5.Other	University of Texas of the Permian Basin

Project Title	Funding	Strategic Plan Objective	Institution
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$147,531	Q1.L.B	University of Texas San Antonio
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$55,670	Q2.S.D	University of Texas Southwestern Medical Center
Role of MEF2 and neural activity in cortical synaptic weakening and elimination	\$415,385	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$393,841	Q2.S.D	University of Texas Southwestern Medical Center
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$291,826	Q3.Other	University of Texas Southwestern Medical Center
Striatal synaptic abnormalities in models of autism	\$381,600	Q4.S.B	University of Texas Southwestern Medical Center
Novel genetic models of autism	\$415,328	Q4.S.B	University of Texas Southwestern Medical Center
Neurexin function in vivo: Implications for autism and mental retardation	\$373,032	Q4.S.B	University of Texas Southwestern Medical Center
Development of face processing expertise	\$339,118	Q2.Other	University of Toronto
Longitudinal characterization of functional connectivity in autism	\$182,352	Q2.L.A	University of Utah
The microstructural basis of abnormal connectivity in autism	\$276,865	Q2.Other	University of Utah
CAREER: Statistical models and classification of time-varying shape	\$0	Q2.Other	University of Utah
1/3-Sequencing autism spectrum disorder extended pedigrees	\$286,240	Q3.L.B	University of Utah
Live Interactive Broadcast Equalizing Rural Access to Teacher Education (LIBERATE) - Training personnel to serve school-age children with low incidence disabilities	\$193,848	Q5.L.A	University of Utah
Project iTAPE: Improve Training in Adapted Physical Education	\$243,312	Q5.Other	University Of Utah
Preparing school psychologists to work with children with autism using evidence-based practices	\$0	Q5.Other	University of Utah
LSS postdoctoral fellowship: Autism, social science and law	\$0	Q6.Other	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah	\$545,180	Q7.I	University of Utah
Preparing tomorrow's school psychology faculty to meet the needs of children with disabilities using evidence-based practices	\$0	Q7.K	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah (expanded)	\$545,180	Q7.L	University of Utah

Project Title	Funding	Strategic Plan Objective	Institution
Personnel preparation for serving children with low incidence disabilities	\$0	Q5.Other	University of Vermont and State Agricultural College
Early Response Learning Initiative (EARLI)	\$0	Q5.Other	University of Virginia
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$0	Q6.L.A	University of Virginia
Network Optimization of Functional Connectivity in Neuroimaging for Differential Diagnosis of Brain Diseases	\$345,000	Q2.Other	University of Washington
Electrophysiological response to executive control training in autism	\$89,670	Q2.Other	University of Washington
Networked cortical responses to movement associated with ASD	\$384,222	Q2.Other	University of Washington
Next generation gene discovery in familial autism	\$644,126	Q3.L.B	University of Washington
2/3-Sequencing autism spectrum disorder extended pedigrees	\$222,480	Q3.L.B	University of Washington
Sporadic mutations and autism spectrum disorders	\$713,231	Q3.S.A	University of Washington
Preschool reading and language interventions for children with autism	\$279,933	Q4.L.D	University of Washington
(SDAS) Dental Homes for Medicaid-Enrolled Children with Autism Spectrum Disorders in the Iowa I-Smile Program	\$99,989	Q5.L.E	University of Washington
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin	\$552,000	Q7.I	University of Wisconsin, Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin (expanded)	\$622,341	Q7.L	University of Wisconsin, Madison
A Sociology of Testing, Diagnosis and Autism Spectrum Disorder	\$476,869	Q1.S.C	University of Wisconsin-Madison
Statistical word learning in children with language disorders	\$29,355	Q2.Other	University of Wisconsin - Madison
Executive function in children with typical and atypical language abilities	\$493,697	Q2.Other	University of Wisconsin - Madison
Grammatical development in boys with fragile X syndrome and autism	\$141,075	Q2.S.D	University of Wisconsin - Madison
Translational regulation of adult neural stem cells	\$359,977	Q2.S.D	University of Wisconsin - Madison
Biological determinants of brain variation in autism	\$652,672	Q2.S.G	University of Wisconsin - Madison
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$277,792	Q3.S.J	University of Wisconsin - Madison
Testing direct effects of soy daidzein on fragile X phenotypes	\$75,250	Q4.S.C	University of Wisconsin - Madison
Family outcomes in autism spectrum disorders	\$527,329	Q5.Other	University of Wisconsin - Madison
Research Participation Core	\$259,801	Q7.Other	University of Wisconsin - Madison

Project Title	Funding	Strategic Plan Objective	Institution
Superheroes Social Skills Training, Rethink Autism Internet Interventions, Parent Training, EBP Classroom Training, Functional Behavior Assessment	\$245,453	Q5.Other	University of Utah
EPC Systematic Review: Autism Spectrum Disorders - Update	\$225,000	Q4.Other	Vanderbilt EPC
Using Peer Models in the Context of Small-Group Direct Instruction to Teach Social and Academic Skills to Children with Autism	\$0	Q4.L.D	Vanderbilt University
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$0	Q4.L.D	Vanderbilt University
A novel adaptive transactional virtual reality-based assistive technology for autism intervention	\$0	Q4.Other	Vanderbilt University
Individualized Adaptive Robot-Mediated Intervention Architecture for Autism	\$312,753	Q4.Other	Vanderbilt University
Multisensory integration and temporal processing in autism	\$44,080	Q4.S.C	Vanderbilt University
Preparing personnel for intervention with young children with autism	\$0	Q5.Other	Vanderbilt University
Leadership training in high-need students with severe disabilities/autism	\$253,562	Q7.K	Vanderbilt University
Peer support and peer network interventions to improve peer relationships and school engagement	\$0	Q4.L.D	Vanderbilt University; University of Wisconsin-Madison
Neurobehavioral investigation of tactile features in autism spectrum disorders	\$161,107	Q2.Other	Vanderbilt University Medical Center
Psychobiological investigation of the socioemotional functioning in autism	\$333,590	Q2.Other	Vanderbilt University Medical Center
mTOR modulation of myelination	\$178,659	Q2.S.D	Vanderbilt University Medical Center
Genetic and developmental analyses of fragile X mental retardation protein	\$378,771	Q2.S.D	Vanderbilt University Medical Center
Predicting phenotypic trajectories in Prader-Willi syndrome	\$294,904	Q2.S.D	Vanderbilt University Medical Center
Adaptive response technology for autism spectrum disorders intervention	\$359,376	Q4.Other	Vanderbilt University Medical Center
Peers, play and performance to improve social interaction in autism	\$234,000	Q4.Other	Vanderbilt University Medical Center
Modeling the serotonin contribution to autism spectrum disorders	\$222,643	Q4.S.B	Vanderbilt University Medical Center
Neurobiological signatures of social dysfunction and repetitive behavior	\$374,400	Q4.S.B	Vanderbilt University Medical Center
Risk and resiliency for youth with autism during the transition to adulthood	\$142,194	Q6.S.A	Vanderbilt University Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Core D: Clinical Neuroscience Services	\$200,547	Q7.Other	Vanderbilt University Medical Center
Core A: Administrative Services	\$247,305	Q7.Other	Vanderbilt University Medical Center
Core E: Participant Recruitment & Assessment Services	\$269,520	Q7.Other	Vanderbilt University Medical Center
Facilitating employment for youth with autism: A replication study of an internship model to identify evidence based practices	\$489,085	Q5.L.B	Virginia Commonwealth University
Neural economics of biological substrates of valuation	\$364,716	Q1.L.C	Virginia Polytechnic Institute and State University
Multimedia tool for psychology graduate student ASD assessment training	\$1	Q1.S.A	Virtual Reality Aids, Inc.
fcMRI in infants at high risk for autism	\$419,567	Q1.L.A	Washington University in St. Louis
Early quantitative characterization of reciprocal social behavior	\$545,295	Q1.L.C	Washington University in St. Louis
Serotonin, autism, and investigating cell types for CNS disorders	\$235,867	Q4.S.B	Washington University in St. Louis
Service transitions among youth with autism spectrum disorders	\$203,915	Q6.L.B	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri	\$528,177	Q7.I	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri (expanded)	\$528,177	Q7.L	Washington University in St. Louis
Children with autism spectrum disorders in developing countries	\$30,000	Q7.J	Wayne State University
Role of neuronal migration genes in synaptogenesis and plasticity	\$53,942	Q2.Other	Weill Cornell Medical College
Gene dosage imbalance in neurodevelopmental disorders	\$662,379	Q1.S.E	Weis Center for Research - Geisinger Clinic
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$0	Q5.L.C	Western Carolina University
Improving speech-language pathology services to children with severe disabilities through preprofessional and professional training	\$0	Q5.Other	Western Carolina University
Test of integrated language and literacy skills validation research	\$0	Q1.Other	Western Michigan University
Efficacy of a qigong massage methodology for children with ASD aged 3-11 years	\$299,801	Q4.L.D	Western Oregon University
Project STARS: Specialized Training in Autism for Rural Schools	\$0	Q5.L.A	West Virginia University Research Corporation
Allelic choice in Rett syndrome	\$374,862	Q2.S.D	Winifred Masterson Burke Medical Research Institute
Development of a novel biomarker test for autism risk screening	\$363,789	Q1.S.A	Xen Biofluidx, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$144,000	Q1.L.B	Yale University
Toward outcome measurement of anxiety in youth with autism spectrum disorders	\$604,292	Q1.L.B	Yale University
Extraction of functional subnetworks in autism using multimodal MRI	\$348,034	Q1.L.B	Yale University
Social evaluation in infants and toddlers	\$393,228	Q1.L.B	Yale University
Development of face processing in infants with autism spectrum disorders	\$393,228	Q1.L.B	Yale University
Subtyping of toddlers with ASD based on patterns of social attention deficits	\$0	Q1.L.B	Yale University
Developmental social neuroscience in infants at-risk for autism	\$180,621	Q1.L.C	Yale University
Morphogenesis and function of the cerebral cortex	\$393,228	Q2.Other	Yale University
Social brain networks for the detection of agents and intentions	\$399,300	Q2.Other	Yale University
Neural markers of shared gaze during simulated social interactions in ASD	\$416,250	Q2.Other	Yale University
ACE Network: Multimodal developmental neurogenetics of females with ASD	\$2,670,192	Q2.S.B	Yale University
Pleiotropic roles of dyslexia genes in neurodevelopmental language impairments	\$36,724	Q2.S.D	Yale University
Identification of candidate genes at the synapse in autism spectrum disorders	\$168,245	Q2.S.G	Yale University
The roles of environmental risks and GEX in increasing ASD prevalence	\$532,325	Q3.L.D	Yale University
Pivotal response treatment for infants at risk for ASD: A pilot intervention	\$79,900	Q4.L.B	Yale University
4/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$168,533	Q4.L.C	Yale University
Functional analysis of rare variants in genes associated with autism	\$146,625	Q4.S.B	Yale University
1/5-Randomized trial of parent training for young children with autism	\$242,996	Q4.S.D	Yale University

